

STATIC SHEET

OFFICERS

- Bruce Brumm KCØZMT
President
- Brad Boeckmann KC9DMQ
Vice-President
- Alisa Payton KNØWME
Secretary
- Bill Claypool NUØQ
Treasurer

BOARD

- Mark Globushutz KØMJG
- Ray Harden WØRAY
- Scott Kirstein NØOOD
- Ron Overholser KDØTTO
- Kevin Sanders KØKDS
- Mike Waldron AEØMW

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DMRAA ChiliFeed / Auction

We know that many of you have been getting ready for the annual auction. This is the time to clean out the shack find new homes for all those “orphan” radios and gear your haven’t used recently. We have seen several new Hams at the meetings and they will be looking for some quality radio gear. Do your part! Of course the Chili Feed will satisfy your food cravings and you’ll be able to concentrate on bidding!



The ChiliFeed / Auction will be held at St. Paul Presbyterian Church, 6426 Merle Hay Road in Johnston. (same place as last year) Admission is \$6. This includes both the meal and the auction. Note: The meal is

included with your admission to the auction.

Please bring your unwanted items to sell. The club gets 10% of the sale price.

Buybacks are \$1

You may pay your DMRAA dues for 2016 or buy a club T-shirt.

Please feel free to bring family and friends.



DMRAA Christmas Party

Mark your calendars! This year’s Christmas party will be Tuesday, December 8th. The format will be similar to last year’s event. It’s a potluck at Plymouth Church, 42nd and Ingersoll, in the Waveland Hall rooms 1 and 2. The adjacent kitchen is available for those needing an oven and/or refrigerator. Please bring a hot dish and a cold dish plus your own tableware. The club will provide a smoked ham; coffee, tea, and hot cider will also be furnished. Serving will begin at 7:00 PM. Dinner will be followed by presentation of the Winthrop Mager award.

For those not familiar with Plymouth, there is a parking garage on the east side of the church in case of bad weather. Signage in the church will direct you to Waveland Hall, which is on the 2nd floor. Come and enjoy the fun, food and fellowship!





Come enjoy the fellowship

DMRAA
meetings are the 4th Tuesday of the month. Be sure and mark your calendars!



Upcoming Meetings

October 27th
7:00 PM
Repeater Forum & Discussion
Plymouth Congregational Church
42nd & Ingersoll
Waveland Room, 2nd floor

November 24th, 2015
DMRAA ChiliFeed / Auction
6:00PM dinner, 7:00PM Auction
Admission \$6
St. Paul Presbyterian Church
6426 Merle Hay Road, Johnston

Winthrop Mager Award
The purpose of the Winthrop Mager Award is to perpetuate the memory of the Reverend Winthrop M. Mager WØMJH, and to stimulate the activity in all fields of Amateur Radio in the Central Iowa Area. It is awarded by the Des Moines Radio Amateur Association, Des Moines, Iowa. Any radio operator with any class license who is a member of the Des Moines Radio Amateur Association is eligible.
Nominations for the Annual Winthrop Major Award need to be sent to the DMRAA President no later than the November meeting. They must be in writing. Nominees are those DMRAA members that have shown outstanding support for Amateur Radio, promotion of the Amateur Radio Service and have done so with the utmost respect for the community and fellow operators.

December 8th Meeting
Plymouth Congregational Church
42nd & Ingersoll
6:00 PM
DMRAA Christmas Pasty

Future Meetings
Brad & Scott are looking for meeting ideas and presenters. Please feel free to make suggestions and offer to help with a presentation.
Brad Boeckmann KC9DMQ
brad.boeckmann@gmail.com
Scott Kirstein, NØOOD
n0ood@arrl.net



You can Help?
Are you interested in helping the club? There are many ways you can help -- assisting with an event, taking a few pictures or even writing a piece for this newsletter.

Winthrop Mager Recipients

- 1964 John Moffet WØSVD
- 1965 Lee J. Roy WØUDO
- 1966 R.W. Denniston WØDX
- 1967 Robert M. Evans WØAUL
- 1968 Kenneth Woody KØSWE
- 1969 Warren Huffman KØCVT
- 1970 A.W. "Red" Kruse WØLCX
- 1971 Thomas R. Fergus KØQXT
- 1972 Dale White KØQXL
- 1973 Richard Witt KØIDJ
- 1974 Wayland Osborn WØRRG
- 1975 Harold Rosenberg WØIYW
- 1976 Bryon W. Mann WØSEJ
- 1977 Warren Bensley WAØITC
- 1978 Ray Stanley K5RRS
- 1979 Carmi Smith WAØJOC
- 1980 Gary Liljegren WØSH
- 1981 Charles Corcoran KD9UD
- 1982 Robert McCaffrey KØCY
- 1983 Ronald Kinton WBØMBZ

- 1984 Harris "Mike" Golden KØ-GHD
- 1985 Bob Heitman WDØDOK
- Marsha Heitman KAØJZF
- 1986 Jim Snapp NAØR
- 1987 Bob Jimmerson KAØOMM
- 1988 John Sawhill WAØO
- 1989 Al Peterson KCØKZ
- 1990 Don Boyvey KDØBG
- 1991 Harold Ober NØHZK
- 1992 Don Schmidt WØANZ
- 1993 LaRue "Irish" Olson WAØATI
- 1994 Leroy Koder WDØCZO
- 1996 Bill Claypool NUØQ
- 1997 Duane Bower WDØUCY
- Melanie Bower KBØJSD
- 1998 Jim Case KIØIP
- 1999 Maggie Harmon KBØZBL
- 2000 Dave Johnson NØLVA
- 2001 Ron Hobbs NØXWI

- 2002 JoAnn Deaton KCØBTV
- 2003 Don Whitmer KCØWJ
- 2004 Mike Greenwood KC4VG
- 2005 Dan Miller KCØFRL
- 2006 Kim England KCØTHB
- 2007 Tom Reis NØVPR
- 2008 Lowell Abarr KB6SDI
- 2009 George Noble KK7FM
- 2010 Larry Vandewater NØBKB
- 2011 Bruce Brumm KCØZMT
- 2012 Dennis O'Brien KAØDOS
- 2013 Scott Kirstein NØOOD
- 2014 Dean Madsen NØXR





Giving back through community service

Scott Kirstien
 NØOOD
 Polk County ARES EC
 515 490-7414 (cell)
n0ood@arri.net



Polk County ARES



The weather has changed, it will soon be winter – although given the timing on our recent venture into Fall, perhaps by the time you read this, there is (will be) snow on the ground.

As I write this article, there are two more ARES events on the schedule for 2015. (If anyone is interested in helping out with the Living History Farms race this year, let me know.) There. The obligatory “ask” has been done J.

Other than standing up at meetings, and bringing a proposal to the DMRAA Board to spend money, I have people ask me questions about what ARES actually is. So I thought I’d use this space to point out some of the particulars around what it means to be a member of the Amateur Radio Emergency Service.

The ARES group is made up of licensed amateur radio operators who have in interest in the public service aspects of our hobby. We have quarterly meetings held at the Polk County Emergency Operations Center, and most of us have had some level of formal on-line training

through the Federal Emergency Management Agency (FEMA). Unlike the DMRAA, Polk County ARES cannot charge people to be a member. We cannot collect dues. Funding for the on-going expenses and improvements to the ARES trailer has come primarily from grants from state and county agencies, donations from the DMRAA Board of Directors, and individual donations from various members of the ARES group.

I mentioned that we cannot charge dues. You do not have to be a member of the DMRAA to belong to ARES. You do not even have to belong to the ARRL to belong to ARES. In my role as Emergency Coordinator (EC), I must maintain membership in the ARRL since ARES is an ARRL program.

The EC is an ARRL appointed position, I have the primary responsibility of working with our served agency – in our case Polk County Emergency Management – to coordinate our communications efforts when we are called upon to respond in an emergency situation. The public service events we participate in (Living History Farms, the Des Moines Marathon, Dam to Dam, Iowa State Fair Pa-

rade, etc.) give us the opportunity to not only practice our skills in radio operation, train in net communications, and frankly – work together as a group; they also give us exposure to work with other public service entities (Des Moines Fire and Police Departments, Polk County Sheriff, and Urbandale Fire) which gives those agencies an understanding of our capabilities, and strengths.

Over the years, these relationships have become more important as we have continued to bring increased “value” to the events we work alongside these agencies. They have learned that while we are “amateurs” by definition, our level of service is actually very “professional.”

Everyone comes into this hobby with their own interests, and maybe you have not been involved with ARES events in the past. I hope that with this brief summary of what ARES is, you might take an opportunity to say “Yes” the next time someone asks you to help out with an event.

Thanks for Reading . . .

Scott, NØOOD

Polk County ARES Meetings
 Polk County EOC at
 1907 Carpenter Avenue
 Des Moines, IA



**ARES MEETINGS
 DATES 2016**

- Monday, January 11
- Monday, April 11
- Monday, July 18
- Monday, October 10

**Polk County Emergency
 Operations Center
 1907 Carpenter
 Des Moines, IA**

2015 ARES Events

- Des Moines Marathon, October 18th, 2015
- Living History Farms Fun Race,
 November 21, 2015

2016 ARES Events

- Fight for Air Climb, Sunday April 10th,
 2016
- Market to Market, Saturday May 7th,
 2016
- Dam to Dam, Saturday June 4th, 2016
- ARRL Field Day, June 25th -26th, 2016
- Iowa State Fair Parade, August 10th,
 2016
- Head of the Des Moines Rowing Regatta,
 September 24th, 2016 (unconfirmed)
- Des Moines Marathon, October 16th,
 2016
- Living History Farms Fun
 Race, November 22, 2016

2014 DMRAA Calendar



Plymouth Congregational Church
42nd & Ingersoll
Des Moines
7:00PM

Calendar 2015-16

- General Meetings and Events**
 27 October, 2015
24 November, 2015 Chili Feed / Auction
8 December, 2015 DMRAA Christmas Party
 26 January, 2016
 22 February, 2016
 22 March, 2016
16 April, 2016 Hamfest
 26 April, 2016
 24 May, 2016
25 June, 2016 Field Day
 28 June, 2016
 26 July, 2016

Board Meeting Dates

- 3 November, 2015
 5 January, 2016
 2 February, 2016
 1 March, 2016
 5 April, 2016
 3 May, 2016
 7 June, 2016
 5 July, 2016
 2 August, 2016
 6 September, 2016
 4 October, 2016
 1 November, 2016



You now have the option of paying for up to 3 years when renewing your membership in the DMRAA.

- 1 Year = \$20
- 2 Years = \$40
- 3 Years = \$60

See Scott Kirstein NØOOD for details. Dues are calendar year



President's Soapbox

Pitch-In. Many of you are old enough to recall this phrase from anti-littering campaigns of yore. Consumer snack products and drinks were labelled with the words "Pitch-In" and an icon depicting trash being thrown into a proper receptacle.

This is a Pitch-In campaign of a different sort.

We don't want you to throw anything away, rather we'd like you to "pitch-in" and donate your time and efforts to help your club.

Many of you already help in various areas -- perhaps with the Static Sheet, Field Day, Hamfest, or the Christmas Party.

Historically, these events are largely put together and run by board members. We'd like to give the general membership the opportunity to help out again. We have tried this in the past, but it takes active participation by everyone to be successful. To that end, we'll have various sub-committee sign-up sheets available at the October

meeting. Each sheet will list the sub-committee names and chair. Once you've signed up, expect that the chair for that area will contact you. You'll meet or coordinate activities via email and the chair will report to the board monthly. The assigned chairs are detailed below, this doesn't mean that if you're already helping in a certain area that someone else is taking over your duties or that your help is no longer desired -- quite the contrary! I look forward to working with, and for, all of you, to the betterment of the club.

- Hamfest** -- Bruce Brumm, KCØZMT
- Field Day** -- Bruce Brumm, KCØZMT
- Repeaters & Packet** -- Ray Harden, WØRAY
- Education** -- Mark Globushutz, KØMJG
- Programming** -- Scott Kirstein, NØOOD; Brad Boeckmann, KC9DMQ
- Chili Feed & Auction** -- Ron Overholser, KDØTTO
- Christmas Party** -- Dennis O'Brien, KAØDOS

- Communications & Public Relations** -- Kevin Sanders, KØKDS
- Social Media Static Sheet** -- Tom Reis, NØVPR
- Web Site** -- Tom Reis, NØVPR; Mike Waldron, AEØMW

73,
Bruce

You know, if you don't do nothin, you don't do nothing

Arthur Godfrey,
K4LIB SK



Bruce Brumm
KCØZMT



Have you checked into a net lately? →

ARES Nets serve several purposes

- Operator training
- Training of Net control operators

Please check in!

Area Nets

AMES

Sunday	147.240+	7:00pm	Story County ARES Net
Wednesday	147.375+ t 114.8	9:00pm	Cyclone Amateur Radio Club

BOONE

Sunday	146.850-	8:00pm	Boone County ARES Net
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DES MOINES

Sunday	145.390- t 114.8	7:00 pm	Saylorville Fellowship Net
Sunday	29.670- t 103.5	7:30 pm	Iowa Ten Meter Net
Sunday	146.610- t 114.8	8:00 pm	Central Iowa ARES Net
Sunday	146.940- t 114.8	follows ARES net	Central Iowa Technical Net
Sunday	443.400 t 151.4	8:30 pm	SW Iowa Amateur Radio Assn Net
Monday	146.940- t 114.8	7:30 pm	DMRAA information Net
Wednesday	53.250-	8:30 pm	Iowa 6 Meter Net 1.7mhz-
Wednesday	146.610- t 114.8	11:00 pm	Night Owl Net
Thursday	146.940- t 114.8	7:00 pm	Polk County ARES Net
Friday	145.310- t 114.8	7:00 pm	Evening News Line & Fusion Net

INDIANOLA

Saturday	146.640- t 114.8	7:30am	Warren County ARES Net
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PERRY

Monday	145.190- t 114.8	8:00pm	Dallas County ARES Net
Monday	145.190- t 114.8	follows ARES net	HARC Net

CRESTON

Sunday	443.400+ t 151.4	8:30pm	SW Iowa Amateur Radio Assn.
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STATEWIDE NETS

Monday—Saturday	3,970	12:30pm & 5:30pm (6:00pm summer)	Iowa 75 Meter Traffic Net
Sunday	3,970	5:30pm (6:00pm summer)	Iowa Traffic and Emergency Net



Amateur Radio Testing Sessions



Des Moines 1:00pm

Sunday, November 15, 2015

Registration starts at 12:30 PM (no admittance after 1pm)
 Location: Johnstone Supply Classroom (2nd floor)
 11000 Justin Drive
 Urbandale, IA 50322

Contact: Rick Allen NØCFL
 (515) 795-2162
 n0cfl@arrl.net

Ames

Tuesday, November 10,
 7:00 PM, 1246 Howe Hall

Saturday, December 5,
 10:00 AM, 1246 Howe Hall
 Location: Iowa State campus

Location: Room TBD
 Howe Hall, Iowa State campus

Boone 9:00am

December 12, 2015

Location: Conference room behind the cafeteria at the Boone County Hospital, 1015 Union St, Boone, Iowa

Contact: Steve NØNEU
 (515) 432-4006

Marshalltown 9:00am

December 5, 2015

Check-In: 9:30 AM
 Exam Starts: 10:00AM
 Location: RACOM Corporation
 201 West State Street
 Marshalltown, IA

Contact:
 Brian Krumm, NØMXK
 n0mxk@arrl.net
 641-752-9658

Time to find a new home for your extra gear?

This Buy, Sell & Trade page may be your answer. This service is offered to DMRAA members.

Contact info@DMRAA.com

Looking for something? We'd be happy to help



Time to Eat?

Buy / Sell, Ham Help

Got any ideas?

The DMRAA board in an effort to keep our meetings timely, lively and exciting are asking our members for suggestions. If you have any ideas for topics or demonstrations please let us know. Of course if there is a topic that you'd like to present, we'd welcome that too.

Program committee chairmen welcome your suggestions

Brad Boeckmann KC9DMQ
brad.boeckmann@gmail.com
 Scott Kirstein, N00D
n0ood@arrl.net



DMRAA Club Inventory

There is a concern that there is no list or collection of information on what equipment and resources the club owns or has access to and where it is being stored. Mark KØMJG has volunteered to be a collection point and assemble the information.

If you have club equipment in your possession, please contact Mark with that information.

It was noted that most of the information is held by one or two persons, if something happened to them, the knowledge would be lost. If you have club equipment in your possession, please contact

Mark KØMJG
MGlobuschutz@msn.com

Are you checking the website?

Keep up to date with local amateur radio news. The club website is a great resource.

[Go to dmraa.org](http://dmraa.org)



Hungry and looking to meet local hams? On Fridays at the Buffet City on University (next to Toys R Us) a group of hams meet for lunch. This is an informal meeting and provides an excellent opportunity

to pass information while enjoying a nice selection of Chinese cuisine. The group (around 20) usually arrives around 11:45 and breaks up at about 1:00. All are welcome, including family members.

Caution! Considerable amount of amateur radio topics will be discussed.



ARES Quarterly Meeting



There are several Polk
County ARES events
upcoming.

Contact

Scott, NØOOD

n0ood@arrl.net

to volunteer



Are you a member of Polk County ARES?

Have a look at the picture above. You can see the many folks that gather at quarterly meetings.

In this picture Jon Davis, Deputy Polk County Emergency Manager is discussing the needs and uses for the Des Moines Airport Full Emergency Exercise. Jon, KCØUSS is the exercise planner and manager. This time Polk County ARES is providing communications for the evaluation and we are not actually a part of the emergency response.

ARES Reflective Vests

Polk County ARES now has several Class 3 Level 2 Safety Vests available for purchase. These are better quality surveyor type vests with sleeves and several pockets in sizes m thru 3XL. They have the words "RADIO COMMUNICATIONS" on the back.

Cost is \$20.

Contact Tom, NØVPR

n0vpr@arrl.net

You need not be a Polk County
ARES or DMRAA member to
purchase a vest.



Repeater Linking in Des Moines

There have been several upgrades lately to a couple of repeaters in Des Moines. Recently the DMRAA's second repeater at the VA Hospital, WØAK-2 146.985 was upgraded with a UHF remote base radio. This upgrade allows the repeater to be linked with any one of several local UHF repeaters in the area. Similarly the Polk County ARES repeater at Methodist Hospital KØDSM 444.100 was fitted with a VHF remote base, which allows it to be linked with any one of the local VHF repeaters.

These upgrades can be useful for various ARES supported events as recently shown for the Head of the Des Moines Rowing Regatta, and the 2015 Dam to Dam Half Marathon. With both events operators could hear all event traffic.



August Board Meeting Minutes

DMRAA Board Meeting Minutes
Tuesday August 4th, 2015

*The Des Moines
Radio Amateurs
Association
board meets
monthly in the
upstairs
conference
room at the
East Euclid
Hy-Vee
2540 E Euclid
Ave
Des Moines*

The meeting was called to order at 7:07 PM

In Attendance:

Bruce Brumm – KCØZMT – President
Brad Boeckmann – WØELI – VP

Bill Claypool – NUØQ - Treasure
Alisa Payton – KEØCHI - Secretary

Michael Waldron – AEØMW – Board
Ron Overholser – KDØTTO – Board
Mark Globuschutz- KØMJG – Board

Kevin Sanders – KØKDS – Board
Scott Kirstein – NØOOD -- Board
Tom Reis – NØVPR – Guest

Review of minutes from prior board meeting – Motion to approve as read was made by Scott Kirstein, 2nd by Kevin Sanders, motion carried

Treasurer’s report:

Balance of: \$ 22,270.48

Unfinished business: None.

Polk County ARES update:

Saturday August 8, there will be a full scale airport exercise. The club repeater 146.940 will be used as a tertiary backup for the exercise.

Next event: Iowa State Fair Parade August 12, 2015. Volunteers are still needed.

Subcommittee reports

Ham Fest

2016 Reservation – April 16th, 2016 Confirmed by Scott

Field Day

June 25/26, 2016

Construction at Ft Des Moines Park may affect availability of the same site for next year.

Availability, alternatives and reservations need to be followed up on.

Repeaters & Packet

Club net update: 7pm on Mondays, there seems to be some confusion as to the day/time.

Frequency coordination for Broadlawns repeater has been received. 145.130 is assigned as a club repeater and 444.050 as an ARES repeater. Scott needs to send in some follow up paperwork.

We have all of the equipment. Plans to complete installation for fall 2015. Bruce will send a thank you letter to donor of the cans.

Education

Tom Reis NØVPR presented information on a one day Ham Cram class and asked that the club consider holding such a class similar to the model that Cedar Rapids group is using. For a fee, students would receive a pdf study guide before the class, a book for the class, the class itself, lunch and the test. Materials are produced by Gordon West. Those who successfully pass the technicians test would also be given a Baofeng HT programmed with local frequencies.

Cedar Rapids reports a 92% passing rate, and charges \$99 for the class they offer. Reportedly, they have added 192 new technicians

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August Board Meeting Minutes cont.

to the area in the past year.

Tom is going to check with the church to see if one of the first two weeks in November is available. If the class can be offered November 14, then anyone who does not pass the test can retake it (at additional expense to them) at the regularly scheduled test at Johnston Supply on the 15th.

Advertising would be done through the DMRAA net, the Static Sheet, and possibly a spot on WHO radio.

Motion to move forward with the class was made and carried.

Programming:

Aug: Show and Shine – July was rained out

Sep: Geo caching – Scott KIRSTEIN NØOOD and Brad KEØUOB

Oct: Repeaters – Fuzion, IRLP, D-Star, and local repeaters. What are they, where are they, and what is their main purpose?

Nov: Chili Feed and Auction – Nov 24

Dec: Christmas Party – Dec 8

Jan: HT Show and Shine – What do you have, why do you like it? Brad WØELI

Communications & Public Relations:

No report

Membership:

Club Survey “Forget it” to quote the president

Awards

Winthrop Mager Award – Christmas Party 2015

We need to be thinking about recipients for this year.

Bob Evans Award – Hamfest 2016

Chili feed and auction November 24

Christmas Party – December 8

Ron Hobbs NØXWI sent in a recommendation for entertainment. An Irish dancing group that performs to earn funds for costuming. There was no information on the suggested donation for their performance. There is concern that a step dancing group would be loud and make conversation difficult, there is not enough information on cost, and no one could think of any Irish Christmas songs to make it appropriate for the occasion.

New Business:

Introduction of the new secretary, Alisa Payton KEØCHI. (call me Lisa)

Mark KØMJG voiced a concern that there is no list or collection of information on what equipment and resources the club owns or has access to and where it is being stored.

He has volunteered to be a collection point and assemble the information. If you have club equipment in your possession, please contact him with that information.

It was noted that most of the information is held by one or two persons, if something happened to them, the knowledge would be lost.

Motion to adjourn by Mike Waldron, 2nd by Ron Overholser, motion carried at 8:39pm.

Did you know that the DMRAA board meetings are open to all club members. Your input is always welcomed.

New Repeaters Coming to Broadlawns

The DMRAA board has purchased a new Yaesu Fusion repeater. Permission has been granted to allow installation at Broadlawns Hospital at 1917 Hickman in Des Moines. This repeater will be programmed to 145.130– tone 114.8.

Polk County ARES will also locate a UHF repeater at the same location and will share the same antenna. This will be a Motorola MSR 2000 which was previously used at the Methodist site. It will be programmed to 444.050+ tone 151.4.

It is expected that these repeaters will be in service by early fall.





September Board Meeting Minutes

DMRAA Board Meeting Minutes
Tuesday September 1st, 2015

*The Des Moines
Radio Amateurs
Association
board meets
monthly in the
upstairs
conference
room at the
East Euclid
Hy-Vee
2540 E Euclid
Ave
Des Moines*

The meeting was called to order at 7:00 PM

In Attendance:

Bruce Brumm – KCØZMT – President
 Brad Boeckmann – WØELI – VP
 Mark Globuschutz- KØMJG – Board
 Ron Overholser – KDØTTO – Board
 Michael Waldron – AEØMW – Board

Bill Claypool – NUØQ - Treasurer
 Alisa Payton – KEØCHI - Secretary
 Ray Harden – WØRAY – Board
 Kevin Sanders – KØKDS – Board
 Guy Payton – KEØCHJ - Guest

Review of minutes from prior board meeting – Motion to approve as read was made by Kevin Sanders, 2nd by Ron Overholser, motion carried

Treasurer’s report:

Balance of: \$ 21,829.38
 There is a check to be deposited from sales of textbooks
 This is the month we make a contribution to the church for use of the meeting room.
 Motion to make \$350 donation was made by Kevin, 2nd by Mark. Motion passed

Unfinished business:

KØMJG – Inventory Initiative: has received some information, is still collecting information. Need to have something put in the newsletter. The purpose for the inventory is to have an inventory of what the club has, make, model, photo if possible, and have the information of where the equipment is kept/stored. It would also make it possible to identify items that are either no longer needed, or are unnecessary duplicates that might be added to the club auction in November.

Subcommittee reports

Polk County ARES update:

Upcoming meetings:
 HOTDMRR is September 26 at Prospect Park.
 Quarterly meeting October 12
 Des Moines Marathon October 18
 Subcommittee reports
 Ham Fest; 2016 Reservation – April 16th, 2016 No updates
 Field Day June 25/26, 2016, No updates

Repeaters & Packet:

Club net update: 7pm on Mondays
 Broadlawns initiative Bruce reports that we need to determine what equipment we have, what needs to be returned and what needs to happen to get it installed.

Education:

Fall opportunities. It is too late to get a multi week class into the Des Moines Adult Education calendar.
 ONE DAY CLASS
 This has been well researched W5YI/Cedar Rapids were contacted

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September Board Meeting Minutes cont.

The education committee has decided to move forward
The class has been set for November 14, 2015 in the Greenwood room of Plymouth Congregational Church. Will run from 8-5 culminating with VE testing at 5pm. Rick was consulted to make sure VE's were available.

A \$100 class fee will include The class, testing, a pre-programmed HT radio, the tech textbook from Gordon West and the pre-course study Q&A necessary to be successful in the class, and a frequency chart. Passing students also will receive one year free membership to DMRAA. The class will be limited to 20 students, two persons have already expressed an interest. Price also includes pizza and drinks provided as part of a working lunch.

Registration cutoff November 1 Funding: Mark proposed that the club order 20 books for students and 6 additional books for the instructors. Is asking for a check for \$457.96 to cover books and shipping. Motion was made by Kevin to advance the money to purchase the books, seconded by Mike. Motion carried.

ADVERTISING:

Tom on website, October Static Sheet, Section manager report, Youth Coordinator, WHO Radio : Scott
Community Calendars, Net, Meetings

WE NEED A PLAN TO FOLLOW UP FOR RETENTION OF THOSE THAT PARTICIPATE AND PASS.

Decided to continue this discussion at next meeting.

Programming:

Sep: Geo caching – Brad KEØUOB

Oct: Repeaters – Fuzion, IRLP, D-Star, and local repeaters. What are they, where are they, and what is their main purpose? Who is presenting this?

Nov: Chili Feed and Auction – Nov 24 space has been reserved by Tom Reis

Dec: Christmas Party – Dec 8 space has been reserved by Dennis

Jan: HT Show and Shine – What do you have, why do you like it? Brad WØELI

Communications & Public Relations:

No report

Membership:

No report

Awards:

Winthrop Mager Award – Christmas Party 2015

We need to be thinking about recipients for this year, where is the list?

Bob Evans Award – Hamfest 2016

Chili feed and Auction:

November 24

Tom has reserved the room

Bringing chili: Ron O, Mark G, Tom R?, Scott K?

Has Tom R been asked to talk to the auctioneer? Do we have a PA system?

Christmas Party:

December 8

Space has been reserved by Dennis Bruce will talk to Dennis O'Brien about providing the ham

New Business: IRLP station is down. Discussion on whether the club could sponsor an IRLP station. Decided to discuss at next meeting. Motion to adjourn by Mark Globuschutz, 2nd by Kevin Sanders, motion carried at 7:55.

Static Sheet Deadlines

Item submission deadline	Publish Date (Email sent)	Web edition posted
February 1 st	February 15 th	February 20 th
April 1 st	April 15 th	April 20 th
June 1 st	June 15 th	June 20 th
August 1 st	August 15 th	August 20 th
October 1 st	October 15 th	October 20 th
December 1 st	December 15 th	December 20 th



DMRAA System Fusion Repeater

By Scott Kirstein, N000D

As many of you already know, the club has made an investment in a Yaesu System Fusion repeater. We have now received coordination for a VHF pair, selected a site for installation, gotten approval from the site owner, and will now begin the work of getting the machine on the air. On Saturday, October 3, President Bruce Brumm, KCØZMT and Scott Kirstein NØOOD travelled to Radio City in Minneapolis to attend Yaesu System Fusion Days – a day-long gathering of local Fusion enthusiasts, as well as Chris Williams, the National Sales Manager for Yaesu, USA.

While the drive up and back to the cities was as long as the pair expected (Scott apologized to Bruce several times for the in-car Karaoke), the event itself included demonstrations of Yaesu’s new WIRES-X protocol and a live look at the inner workings of the Fusion repeater. In addition to that, there were presentations from members of the Bakken Amateur Radio Society (one of the biggest Fusion “supporters” in North America) talking about their implementation which takes full advantage of the Fusion’s digital capabilities while still allowing analog users access to their linked system throughout the twin cities metro.

One of the most enlightening events of the day was Yaesu USA’s Chris Wilson giving an overview of System Fusion in its current state and updates on what the next advances will be. He also pointed out that the “Club Special” on the DR-1X repeater was being extended until December 31, 2015 and that it was now open to anyone who had a coordinated pair of frequencies with their Repeater Council.



Pictured above: Chris Wilson, NØCSW; along with Dan and Maline and the rest of the gang from Radio City.



In the world of radio communication, ham radio operators are an important fraternity. They are recognized all over the world for their passionate involvement in the promotion of the art and science of radio communication. One such ham radio operator was Ernst Krenkel from the USSR. Ernst had a very special call-sign. He used to tell everybody – "RAEM is my call-sign" and he had every reason to feel proud of it. He also wrote a book with the same title: 'RAEM is my call-sign'. In fact RAEM was the call-sign of a ship by the name of Cheluskin which sank in the Arctic on February 13, 1934. Ernst was a radio operator on that ship, and it's call-sign, "RAEM", was later awarded to Ernst Krenkel as his personal ham radio call-sign.

Born in a poor family, Ernst had to do many odd jobs. In 1917, at the age of 15, he used to repair kerosene stoves, meat-mincing machines and baby carriages. After finishing a course for radio operators in 1920, he got the chance to spend a winter at the Novaya Zemlya Polar Station during the year 1924. His career started as a telegraph operator in the Red Army. But Ernst had high ambitions; he wanted to live an adventurous life. He wanted to go back to the North Pole again. At that time, he had no radio equipment of his own. A desperate Ernst sought out his own way. He met a professor at the Lenin Laboratory and convinced him to provide radio equipment for experimentation with an impression that the Russian Navy would test it in the Arctic! Now it was Ernst's turn to get a job. He went to Leningrad with the little pocket money which he earned as a telegraph operator while serving in the Red Army (He also used to play bugles in the Red Army functions, but he once admitted that he was a very bad bugler!). He met the Navy officials at Leningrad and told them that he had wireless equipment with him which he can spare for Navy works! He told them that if there was a vacancy for him in the polar expedition team, the equipment problem was already solved! With this little ingenuity, Ernst could now again dream high. He got the job! In his life, he never looked back except for a few vindictive punishments meted out to him by the political hierarchy. He was never a member of the Communist Party for which he had to pay a price. His ham radio license, EU2EQ and later U3AA, was once revoked by the authority, but, later on he got it back with all the glory. Ernst belonged to a German speaking small community in Russia.

Ernst was the radio operator at polar stations and ships going on expeditions for many a year. He spent many winters in the Arctic in primitive camps. He survived many aircraft disasters while getting off the ground and while landing on the rough ice. He also survived scurvy suffered on a desolated island. Whether it was from a wrecked ship or a melting ice floe drifting to the unknown land, Ernst was always successful in keeping his radio signals on the air under the harshest of the situation. But according to him, he could not operate with his ham call-sign much, because he had to save his battery power for official radio communication in other frequencies. He publicly apologized for this. In fact, while leaving for the North Pole, he promised his ham fraternity in Russia that he would regularly talk to them through radio. But he could not. He wrote: "A special job in my work was contacting radio amateurs on short-waves. Leaving Moscow, I promised radio amateurs of the Soviet Union to actively maintain communications with them. It was not my fault that I was unable to fulfill the promise in a way that I would have liked. As on many other occasions I was severely limited by the wind and the batteries. At the slightest opportunity I tried to work radio amateurs. But this work always went on only "under wind". Not only accumulators had to be fully charged, but, while working radio amateurs there had to be a fresh wind. I worked until the first signs of an abating wind in order to ensure time to restore, with the help of the windmill, the electric power output used up. Only with observance of these conditions could working radio amateurs be permitted."

Krenkel rose to the position of Head of the Polar Stations of the Northern Sea Route Administration (NSRA). He took part in the record-breaking voyage of the "Alexander Sibiriakov" ice-breaker,

which covered the entire Northern Sea Route in a single navigation season (The Northern Sea Route stretches six and a half thousand kilometers along the Arctic coast, which is considered as the world's most challenging shipping line). A year later, in 1934, Krenkel sent the now famous radiogram from S/S Cheluskin that the ship had perished and the crew pitched camp on the ice. He was able to save 104 lives after that disaster. He among a very few other crews were the last to be evacuated from that icy land. They were stranded for two long months in that icy land till the final rescue took place. Ernst received the "Hero of the Soviet Union" award, but for his part in the rescue, he was awarded something that (as a radio ham) pleased him much more. He was awarded the ships call-sign "RAEM".

Rescue would have been impossible to organize without radio communication. During the night, the 'indoor' temperature was well below zero, so dew formed inside the gear when the paraffin heater was lit in the morning. Every time they wanted to use the radio Krenkel had to dismantle it, polish all the contacts, and let the components dry out near the paraffin heater. On a personal account, Ernst told Alf Lindgren, SM5IQ, that, while they were waiting for the last aircraft to rescue them, there was no firewood left to light the fire so that the pilots could find them. So, they had to set their fur-coats on fire - hoping that they would not be left on the ice another night!

In 1937 he was among the celebrated Ivan Papanin's team of four as the radio operator of the North Pole. A great adventure began in the history of the world, when they pitched camp and established a research station on a drifting ice floe in the vicinity of the North Pole. Ernst was also running a beacon radio station from the drifting ice floe. They drifted and drifted for a record 274 days from the North Pole to Greenland, a distance of 2600 km, obtaining the first scientific observations from that high latitude. Ernst Krenkel thus earned the distinction of becoming the first drifting radio station in the world! Even much before that, in 1930, he was able to establish a link between Franz-Josef Land and the Antarctic, a record in long-distance radio communication. Later he became a doctor of geography and was in charge of the Research Institute of Hydrometeorological Instrument Making. He was also the chairman of the USSR Central Radio Club.

Ernst Krenkel died on December 8, 1971. As a tribute to this heroic polar explorer (who was renowned much as a 'radio operator' and to the ham radio fraternity rather as a brave 'HAM radio operator'), a bay on the coast of Komsomolets Island and one of the islands in the Severnaya Zemlya archipelago are now named after him, and so is a polar hydro-meteorological observatory at Franz Josef's Land, a Communications Electro-Technical College in St. Petersburg and a weather research vessel of the Hydro-meteorological Service. Ernst can also be seen on Russian stamps, and in addition to the various museum exhibits and published articles honoring Ernst Krenkel, on the 4th full weekend of December each year the 'Ernst Krenkel "RAEM Memorial Contest is held

Thanks to Bob, K2DSW for forwarding this article



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Can you hear me now?

The Static sheet is bi-monthly (six per year) publication of the Des Moines Radio Amateurs Association. It is provided via email to the membership of the DMRAA. Please feel free to forward to prospective club members and interested Amateur Radio Operators.

The DMRAA is affiliated with the ARRL, The national association for Amateur Radio.



DMRAA Membership Application

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